Freeform Search

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Term:

Display: 10 **Documents in Display Format:** TI **Starting with Number** 8

Generate: ○ **Hit List** ◉ **Hit Count** ○ **Side by Side** ○ **Image**

Search Clear Interrupt

Search History

DATE: Thursday, May 13, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=OR			
L9	l4 and NAND	1	L9
L8	l7 and (write near4 (strobe or signal))	35	L8
L7	BIOS with (protect$4 or lock$4 or secur$4) with (area or location)	102	L7
L6	l4 and (programmable or FPGA)	3	L6
L5	l4 and (flash or EEPROM)	2	L5
L4	L3 and ((BIOS or (basic input output system)) with (RAM or SRAM or DRAM or (random access memory)))	3	L4
L3	l1 or l2	13	L3
L2	((6201739 or 5640349 or 6295577 or 6434695).pn.)	4	L2
L1	((5606660 or 5579522 or 5592641 or 6216224 or 5379342 or 5402383 or 6073207 or 6154838 or 6168321).pn.)	9	L1

END OF SEARCH HISTORY

h e b b g e e e e f ff e ch

L2	prevent$4 or lock$4 or secur$4)))	2023	L2
L1	((write near4 (strobe or signal or pulse)))	54137	L1

END OF SEARCH HISTORY

h e b b cg b e e ch

Your search matched **0** of **1037503** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enter new one in the text box.

(bios <sentence> (ram or (random access memory))) a Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

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Results:
No documents matched your query.

h eee e eee g e ch e ch e e e b e e ce

1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
2) Limit your search by using search operators and field codes, if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
3) Limit the results by selecting Search Options.
4) Click Search. See Search Examples

```
(bios <sentence> (ram or
(random access memory))) and
((write <near/4> (strobe or
signal or pulse)) <paragraph>
```

Start Search Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) More

Search Options:

Select publication types:

- [x] IEEE Journals
- [x] IEE Journals
- [x] IEEE Conference proceedings
- [x] IEE Conference proceedings
- [x] IEEE Standards

Select years to search:

From year: All to Present

Organize search results by:

Sort by: Relevance
In: Descending order

List 15 Results per page

h eee e eee g e ch e ch

Results 1 - 20 of 200 Result page: 1 2 3 4 5 6 7 8 9 10 next
Best 200 shown

1 Pen computing: a technology overview and a vision
André Meyer
July 1995 **ACM SIGCHI Bulletin**, Volume 27 Issue 3
Full text available: pdf(5.14 MB) Additional Information: full citation, abstract, citings, index term

This work gives an overview of a new technology that is attracting growing interest in public as we visible difference from other technologies is in the use of a pen or pencil as the primary means of machine, picking up the familiar pen and paper interface metaphor. From this follows a set of cons into context with other emerging technologies and visions.Starting with a short historic ...

2 File servers for network-based distributed systems
Liba Svobodova
December 1984 **ACM Computing Surveys (CSUR)**, Volume 16 Issue 4
Full text available: pdf(4.23 MB) Additional Information: full citation, references, citings, index te

3 The Ada issues: A readers' guide to the Ada issues
Erhard Ploedereder
May 1998 **ACM SIGAda Ada Letters**, Volume XVIII Issue 3
Full text available: pdf(2.84 MB) Additional Information: full citation

4 Sequential thematic organization of publications: how to achieve coherence in proposals and
J. R. Tracey, D. E. Rugh, W. S. Starkey
August 1999 **ACM SIGDOC Asterisk Journal of Computer Documentation**, Volume 23 Issue 3
Full text available: pdf(3.80 MB) Additional Information: full citation, index terms

5 Data and memory optimization techniques for embedded systems
P. R. Panda, F. Catthoor, N. D. Dutt, K. Danckaert, E. Brockmeyer, C. Kulkarni, A. Vandercappelle, P
April 2001 **ACM Transactions on Design Automation of Electronic Systems (TODAES)**, Vo
Full text available: pdf(339.91 KB) Additional Information: full citation, abstract, references, citing

We present a survey of the state-of-the-art techniques used in performing data and memory-relat

h c g e cf c

The optimizations are targeted directly or indirectly at the memory subsystem, and impact one or metrics: area, performance, and power dissipation of the resulting implementation. We first exami optimizations in the form of code transoformations. We next cover a broad spectrum of optimizati

Keywords: DRAM, SRAM, address generation, allocation, architecture exploration, code transform high-level synthesis, memory architecture customization, memory power dissipation, register file,

6 Concurrency, latency, or system overhead: which has the largest impact on uniprocessor DF

Vinodh Cuppu, Bruce Jacob

May 2001 **ACM SIGARCH Computer Architecture News , Proceedings of the 28th annual Computer architecture**, Volume 29 Issue 2

Full text available: pdf(904.17 KB) Publisher Site Additional Information: full citation, abstract, references, citing

Given a fixed CPU architecture and a fixed DRAM timing specification, there is still a large design s Parameters include the number of memory channels, the bandwidth of each channel, burst sizes, turnaround overhead, memory-controller page protocol, algorithms for assigning request priorities etc. In this design space, we see a wide variation in application execution times: for example, ...

7 Is it live or is it Memorex?

Tory Sawyer, Randy Anderson, Gary McCuaig

September 1986 **Proceedings of the 14th annual ACM SIGUCCS conference on User services:**

Full text available: pdf(2.60 MB) Additional Information: full citation, index terms

8 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren

November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on C**

Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index

Understanding distributed applications is a tedious and difficult task. Visualizations based on proce obtain a better understanding of the execution of the application. The visualization tool we use is I University of Waterloo. However, these diagrams are often very complex and do not provide the u application. In our experience, such tools display repeated occurrences of non-trivial commun ...

9 Cache Memories

Alan Jay Smith

September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3

Full text available: pdf(4.61 MB) Additional Information: full citation, references, citings, index te

10 A coherent distributed file cache with directory write-behind

Timothy Mann, Andrew Birrell, Andy Hisgen, Charles Jerian, Garret Swart

May 1994 **ACM Transactions on Computer Systems (TOCS)**, Volume 12 Issue 2

Full text available: pdf(3.21 MB) Additional Information: full citation, abstract, references, citing

Extensive caching is a key feature of the Echo distributed file system. Echo client machines maint data and properties, with write-behind (delayed write-back) of all cached information. Echo specifi behind, enabling applications to store and maintain consistent data structures in the file system ev prevent some writes from being completed. In this paper we describe ...

Keywords: coherence, file caching, write-behind

11 Energy-aware design of embedded memories: A survey of technologies, architectures, and
Luca Benini, Alberto Macii, Massimo Poncino
February 2003 **ACM Transactions on Embedded Computing Systems (TECS)**, Volume 2 Issue 1
Full text available: pdf(288.44 KB) Additional Information: full citation, abstract, references, index

Embedded systems are often designed under stringent energy consumption budgets, to limit heat memory systems consume a significant amount of energy to store and to forward data, it is then i consumption and performance in memory system design. Contemporary system design focuses or energy consumption in processing and storage units, as well as in their interconnections. Although

Keywords: Embedded systems, embedded memories, integration, memories, nonvolatile, system

12 A shared, segmented memory system for an object-oriented database
Mark F. Hornick, Stanley B. Zdonik
January 1987 **ACM Transactions on Information Systems (TOIS)**, Volume 5 Issue 1
Full text available: pdf(2.05 MB) Additional Information: full citation, abstract, references, citing

This paper describes the basic data model of an object-oriented database and the basic architectu particular, a secondary storage segmentation scheme and a transaction-processing scheme are di allows for arbitrary clustering of objects, including duplicates. The transaction scheme allows for m from those that enforce serializability to those that are nonserializable and require communi ...

13 Structured machine design: An ongoing experiment
Richard F. Hobson
May 1981 **Proceedings of the 8th annual symposium on Computer Architecture**
Full text available: pdf(872.83 KB) Additional Information: full citation, abstract, references, citing

In the following sections, the needs of structured architecture from the point of view of a single-us machine is introduced, and its design is treated as an ongoing experiment in structured machine d historical evidence suggests that computer architecture (hardware and software) evolves slowly, r through everyday use.

14 Abstract state machines capture parallel algorithms
Andreas Blass, Yuri Gurevich
October 2003 **ACM Transactions on Computational Logic (TOCL)**, Volume 4 Issue 4
Full text available: pdf(610.28 KB) Additional Information: full citation, abstract, references, index

We give an axiomatic description of parallel, synchronous algorithms. Our main result is that ever for step, by an abstract state machine with a background that provides for multisets.

Keywords: ASM thesis, Parallel algorithm, abstract state machine, postulates for parallel comput

15 A memory management unit and cache controller for the MARS system
Feipei Lai, Chyuan-Yow Wu, Tai-Ming Parng
November 1990 **Proceedings of the 23rd annual workshop and symposium on Microprogram**
Full text available: pdf(1.07 MB) Additional Information: full citation, abstract, references

For large caches, the interaction between cache access and address translation affects the machin memory. The physically addressed caches slow down the cache access due to the virtual address t caches is faster, but the synonym problem is difficult to handle. By some software constraints and addressed physically tagged caches can achieve the same speed as traditional virtually addressed

16 Parallel execution of prolog programs: a survey
Gopal Gupta, Enrico Pontelli, Khayri A.M. Ali, Mats Carlsson, Manuel V. Hermenegildo
July 2001 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volum
Full text available: pdf(1.95 MB) Additional Information: full citation, abstract, references, citing

Since the early days of logic programming, researchers in the field realized the potential for exploi execution of logic programs. Their high-level nature, the presence of nondeterminism, and their re characteristics, make logic programs interesting candidates for obtaining speedups through paralle that the typical applications of logic programming frequently involve irregular computatio ...

Keywords: Automatic parallelization, constraint programming, logic programming, parallelism, pr

17 Associative and Parallel Processors
Kenneth J. Thurber, Leon D. Wald
December 1975 **ACM Computing Surveys (CSUR)**, Volume 7 Issue 4
Full text available: pdf(2.62 MB) Additional Information: full citation, references, citings, index te

18 Functional Testing of Semiconductor Random Access Memories
Magdy S. Abadir, Hassan K. Reghbati
September 1983 **ACM Computing Surveys (CSUR)**, Volume 15 Issue 3
Full text available: pdf(1.58 MB) Additional Information: full citation, references, citings, index te

19 Interactive Editing Systems: Part II
Norman Meyrowitz, Andries van Dam
September 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 3
Full text available: pdf(9.17 MB) Additional Information: full citation, references, citings, index te

20 The Flux OSKit: a substrate for kernel and language research
Bryan Ford, Godmar Back, Greg Benson, Jay Lepreau, Albert Lin, Olin Shivers
October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the sixteenth ACM principles**, Volume 31 Issue 5
Full text available: pdf(2.47 MB) Additional Information: full citation, references, citings, index te

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